Practitioner's Docket No. PATENT

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

Inis	declaration	IS	Oī	tne	tollowing	type:	

(check one applicable item below)
original.
design.
NOTE: With the exception of a supplemental oath or declaration submitted in a reissue, a supplemental oath or declaration is not treated as an amendment under 37 CFR 1.312 (Amendments after allowance) M.P.E.P. § 714.16, 7th Edition.
supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation o continuation-in-part application, do <u>not</u> check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL CONTINUATION OR C-I-P.
NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.
☐ divisional.
continuation.
NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements—nonprovisional application).
continuation-in-part (C-I-P).
INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

. 8	TI'	TLE OF INVENTION	
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Hanging	Celle	Shorlener	ADDGIGIUS
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SPECIFICATION IDENTIFICATION

the spe	cification of which:
	(complete (a), (b), or (c))
(a) 🔎	is attached hereto.
NOTE:	"The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing,
	"(2) name of inventor(s), and attorney docket number which was on the specification as filed, or
	"(3) name of inventor(s), and title which was on the specification as filed."
	Notice of July 13, 1995 (1177 O.G. 60).
(b)	was filed on, as [] Serial No. 0 /
	and was amended on (if applicable).
NOTE:	Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. § 1.67.
NOTE:	"The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(A) application number (consisting of the series dode and the serial number, e.g., 08/123,456);
	"(B) serial number and filing date;
	"(C) attorney docket number which was on the specification as filed;
	"(D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or
	"(E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
(-) <u></u>	M.P.E.P. § 601.01(a), 7th Ed.
(c) L	was described and claimed in PCT International Application No.
	(Declaration and Power of Attorney [1-1]—page 2 of 7)

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

FORM 1-1

(con	mplete the following where a supplemental declaration is being submitted)
	I hereby declare that the subject matter of the
	☐ attached amendment
	amendment filed on
part	of my/our invention and was invented before the filing date of the original

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

X

was

(also check the following items, if desired)

and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

X

in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d), (f) 172, and 365(a) and (b))

NOTE: 37 C.F.R. § 1.55 Claim for foreign priority.

application, above-identified, for such invention.

"(a) An applicant in a nonprovisional application may claim the benefit of the filing date of one or more prior foreign applications under the conditions specified in 35 U.S.C. 119(a) through (d) and (f), 172, and 365(a) and (b).

(1)(i) In an original application filed under 35 U.S.C. 111(a), the claim for priority must be presented during the pendency of the application, and within the later of four months from the actual filing date of the application or sixteen months from the filing date of the prior foreign application This time period is not extendable. The claim must identify the foreign application for which priority is claimed, as well as any foreign application for the same subject matter and having a filing date before that of the application for which priority is claimed, by specifying the application number, country (or intellectual property authority), day, month, and year of its filing. The time period in this paragraph does not apply to an application for a design patent.

(ii) In an application that entered the national stage from an international application after compliance with 35 U.S.C. 371, the claim for priority must be made during the pendency of the application and within the time limit set forth in the PCT and the Regulations under the PCT."

(2) The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) or PCT Rule 17 must, in any event, be filed before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by the processing fee set forth in § 1.17(i), but the patent will not include the priority claim unless corrected by a certificate of correction under 35 U.S.C. 255 and § 1.323

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

	(complete		
	ch applications have been filed		
	applications have been filed n (c) is entered above and the Internate		signated the U.S. itself claime
	eck item (e), enter the details below	* *	•
(6 MC	REIGN/PCT APPLICATIONTHS FOR DESIGN) PF	NOR TO THIS AP	PLICATION
COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
•	the benefit under Title 35, the lapplication(s) listed below:	States code,	
PROVISIONAL A	PPLICATION NUMBER		FILING DATE
/		-/	And the second s
/			
CLAIM	FOR BENEFIT OF EARL UNDER 35/U		lication(s)
at Al	ne claim for the benefit of tached ADDED PAGES TO CITORNEY FOR DIVISIONAL ART (C-I-P) APPLICATION.	OMBINED DECLARA	ATION AND POWER OF
	(I	Declaration and Power of	Attorney [1-1]—page 4 of 7

th di Al	the application filed more than 12 months from the filing date of this application is a PCT filing forming e basis for this application entering the United States as (1) the national stage, or (2) a continuation, visional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION ND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit the prior U.S. or PCT application(s) under 35 U.S.C. § 120.
	POWER OF ATTORNEY
	appoint the following practitioner(s) to prosecute this application and transact is in the Patent and Trademark Office connected therewith.
	Owen J. Heegen Reg. No. 19643
	(check the following item, if applicable)
	I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
	Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).
co Fo co fro in pr ao	special care should be taken in continuation or divisional applications to ensure that any change of prespondence address in a prior application is reflected in the continuation or divisional application. For example, where a copy of the oath or declaration from the prior application is submitted for a sufficient or divisional application filed under 37 CFR 1.53(b) and the copy of the oath or declaration on the prior application designates an old correspondence address, the Office may not recognize, the continuation or divisional application, the change of correspondence address made during the osecution of the prior application. Applicant is required to identify the change of correspondence address in the continuation or divisional application to ensure that communications from the Office are failed to the current correspondence address. 37 CFR 1.63(d)(4)." § 601.03, M.P.E.P., 7th Edition
	RESPONDENCE TO DIRECT TELEPHONE CALLS TO: (Name and telephone number)
	Address Douald N. Halgren Don Halgr 35 Gentral Street Don Halgr
	Manchester MA 01944 978 -526 - Customer Number
Cinas 4L	(complete the following if applicable) is filing is a □ continuation □ divisional there is attached hereto a Change of
Since (i)	is millu is a 1 - continuation L - divisional there is attached hereto a change c

Correspondence Address so that there will be no question as to where the PTO should

direct all correspondence.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

- NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.
- NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).
- NOTE: Inventors may execute separate declarations/oaths provided <u>each</u> declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

Full name of sole or first	inventor	51
David	0 - 6 *	Pitcher
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	XV 1	
Date	Çountry of Citizenship .	<u>US</u>
Residence 55 Auto	in St. Cambridge	MA 02139
Post Office Address	> lune	
Full name of second joint	inventor, if any	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
,	,	•
	Country of Citizenship .	
Residence		
Post Office Address		
Full name of third joint in	ventor, if any	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	. FAMILY (OR LAST NAME)
•		•
-	Country of Citizenship _	
Residence		
Post Office Address		

(check	proper	box(es)	for	any	of	the	following	added	page(s)
	ti	hat form	a p	art (of 1	this	declaratio	n)	

	Signature for fourth and subsequent joint inventors. Number of pages added
	* * *
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. <i>Number of pages added</i>
	* * *
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. <i>Number of pages added</i>
	* * *
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	* * *
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	□ Number of pages added
	* * *
	Authorization of practitioner(s) to accept and follow instructions from representative.
	* * *
1	(if no further pages form a part of this Declaration, then end this Declaration with this page and check the following item)
	This declaration ends with this page.

Practitioner's Docket No. Rose	-10 PATENT
	Patentee Patent No. Issued on Nor Apperatus ATUS AS SMALL ENTITY MALL BUSINESS CONCERN
I hereby state that I am the owner of the small busines an official of the small busines concern identified below: Name of Small Business Concern	
business concern, as defined in 13 C.F.R. § of paying reduced fees to the United State 41(a) and (b) of Title 35, United States Code, including those of its affiliates, does no statement, (1) the number of employees of	I small business concern qualifies as a small 121, and in 37 C.F.R. § 1.27(a)(2), for purposes as Patent and Trademark Office under Sections in that the number of employees of the concern, texceed 500 persons. For purposes of this if the business concern is the average over the persons employed on a full-time, part-time or

I hereby state that rights under contract or law have been conveyed to, and remain with, the small business concern identified above, with regard to the invention described in

temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control

the specification filed herewith, with title as listed above.

the application identified above.

□ the patent identified above.

both.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as a person under 37 C.F.R. § 1.27(a)(1), if that person made the invention, or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.27(a)(2) or a nonprofit organization under 37 C.F.R. § 1.27(a)(3).

*NOTE: Separate statements are required from each named person, concern or organization having rights to the invention as to their status as small entities. (37 C.F.R. § 1.27)

(Small Entity-Small Business [7-4]-page 1 of 2)

Each such person, concern or organization having any rights in the invention is listed below: No such person, concern, or organization exists. Each such person, concern or organization is listed below.
Name
Address
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION
Name
Address
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 C.F.R. § 1.28(b))
NOTE: "The presentation to the Office (whether by signing, filing, submitting, or later advocating) of any paper by a party, whether a practitioner or non-practitioner, constitutes a certification under § 10.18(b) of this chapter. Violations of § 10.18(b)(2) of this chapter by a party, whether a practitioner or non-practitioner, may result in the imposition of sanctions under § 10.18(c) of this chapter. Any practitioner violating § 10.18(b) may also be subject to disciplinary action. See §§ 10.18(d) and 10.23(c)(15)." 37 C.F.R. § 1.4(d)(2).
Name of Person Signing DEAN L. RUBIN Title of Person if Other Than Owner Q. MEAGON, READ, REVENUE, M.A. O'SUS
Title of Person if Other Than Owner
Title of Person if Other Than Owner — C.E.O. Address of Person Signing — 9 MEAGOD READ, BEVERLY, M.A. 01915
SIGNATURE

Prac	ctitioner's Doc	ket No. Ros	5e-10	PATENT
	Applicant		☐ Patent	tee
	Application No.		☐ Patent	t No
	Filed on	1	☐ ₄lssued	d on
Titl	e: Hanging	Cabbe Short	ever Appa	
		TEMENT OF S F.R. § 1.27(a)(1)		MALL ENTITY ENT INVENTOR
define Pater	ed in 37 C.F.R. § at and Trademark	1.27(a)(1), for pu Office under Sec	rposes of paying ctions 41(a) and (lify as an independent inventor, as reduced fees to the United States (b) of Title 35, United States Code, a invention described in
	the specific	ation filed herew	ith, with title as	listed above.
	☐ the applicat	tion identified ab	ove.	
	☐ the patent i	identified above.		
vho v he in 37 C.	act or law to assig would not qualify vention, or to any F.R. § 1.27(a)(2), th person, concel	gn, grant, convey as a person und y concern that we or a nonprofit or or ganization	or license, any righer 37 C.F.R. § 1 puld not qualify a rganization under to which I have	and am under no obligation under ights in the invention to any person 1.27(a)(1), if that person had made as a small business concern under or 37 C.F.R. § 1.27(a)(3). e assigned, granted, conveyed, or
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	to the invention	as to their status as		erson, concern or organization having rights
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] INDIVIDUAL	☐ SMALL BUSIN	IESS CONCERN	☐ NONPROFIT ORGANIZATION
			(Small Entity	-Independent Inventor [7-1]—page 1 of 2)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(g)(2))

NOTE: "The presentation to the Office (whether by signing, filing, submitting, or later advocating) of any paper by a party, whether a practitioner or non-practitioner, constitutes a certification under § 10.18(b) of this chapter. Violations of § 10.18(b)(2) of this chapter by a party, whether a practitioner or non-practitioner, may result in the imposition of sanctions under § 10.18(c) of this chapter. Any practitioner violating § 10.18(b) may also be subject to disciplinary action. See §§ 10.18(d) and 10.23(c)(15)." 37 C.F.R. § 1.4(d)(2).

David E. Petaler Name of Inventor Signature of Inventor	Date
Name of inventor Signature of Inventor	Date
Name of inventor	Date